Access DB# 122879

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Bost Examiner #: 68951 Date: 5/24/04
Art Unit: 2608 Phone Number 30 Serial Number: 10/762,188
Mail Box Location: PK2 8A37 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

_____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 6,081,497

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STAFF USE ONLY

Searcher: KEJ
Searcher Phone #:
Searcher Location:
Date Searcher Picked Up: 5/24/04
Date Completed: 5/24/04
Searcher Prep & Review Time:
Clerical Prep Time:
Online Time: 25

Type of Search

NA Sequence (#)
AA Sequence (#)
Structure (#)
Bibliographic
Litigation X
Fulltext
Patent Family
Other

Vendors and cost where applicable

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Dialog
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Dr.Link
Lexis/Nexis
Sequence Systems
WWW/Internet
Other (specify)

Query/Command : prt max legalall

1 / 1 *PLUSPAT - ©QUESTEL-ORBIT - image*

PN - US6081491 A 20000627 [US6081491]

TI - (A) Optical disk vibration sensing and reproducing device

PA - (A) SANYO ELECTRIC CO (JP); TOKYO SANYO ELECTRIC CO (JP)

PA0 - Sanyo Electric Company, Ltd., Osaka-fu [JP]
Tottori Sanyo Electric Company, Ltd., Tottori-ken [JP]

IN - (A) OTA TAKUMI (JP); KISHISHITA AKIHIRO (JP); KODANI KIYOSHI (JP); HAYASHIDA MASAYUKI (JP)

AP - US37865799 19990820 [1999US-0378657]

FD - Cont. of US162988 19980929 [1998US-0162988]
Cont. of US855252 19970513 [1997US-0855252]
Continuation of: US6009053
Continuation of: US5886966

PR - US37865799 19990820 [1999US-0378657]
JP12179796 19960516 [1996JP-0121797]
JP22857196 19960829 [1996JP-0228571]
US16298898 19980929 [1998US-0162988]
US85525297 19970513 [1997US-0855252]

IC - (A) G11B-003/90

EC - G11B-019/04
G11B-019/28
G11B-033/08

PCL - ORIGINAL (O) : 369053280; CROSS-REFERENCE (X) : 369044320 369053300

DT - Basic

CT - US4530018; US4750059; US5434829; US5636193; US5706265; JP07182796

STG - (A) United States patent

AB - In an optical disk reproducing device capable of rotating an optical disk at a selected one of a plurality of preset linear velocities, vibration or shock of the device is detected during rotation of the disk, and the linear velocity of the disk is determined based on the result of the detection of the vibration or shock to restrain the vibration and shock within a permissible range. A limit rotational velocity above which the vibration or shock is excessive may be determined during a test conducted each time a disk is inserted, and the linear velocity of the disk during reproduction may be determined such that the rotational velocity does not exceed the limit rotational velocity.

UP - 2000-26

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6081491

<=1> GET 1st DRAWING SHEET OF 3

June 27, 2000

Optical disk vibration sensing and reproducing device

APPL-NO: 378657 (00)

FILED-DATE: August 20, 1999

GRANTED-DATE: June 27, 2000

CORE TERMS: velocity, rotational, disk, linear, vibration, tracking, shock, focusing, controller, rpm ...

6,081,491 OR 6081491

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

6,081,491 OR 6081491

LEXIS-NEXIS
Library: PATENT
File: JNLS

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6,081,491 OR 6081491

LEXIS-NEXIS
Library: NEWS
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      S4         1  PN=US 6081491
? t 4/39/1

 4/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
(c) 2004 EPO. All rts. reserv.

14344035
Basic Patent (No,Kind,Date): JP 10124993 A2 19980515   <No. of Patents: 005
>
Patent Family:
    Patent No    Kind  Date      Applic No   Kind  Date
    JP 10124993     A2  19980515    JP 97126859     A   19970516  (BASIC)
    JP 3316416      B2  20020819    JP 97126859     A   19970516
    US 5886966      A   19990323    US 855252       A   19970513
    US 6009053      A   19991228    US 162988       A   19980929
    US 6081491      A   20000627    US 378657       A   19990820
Priority Data (No,Kind,Date):
    JP 97126859 A  19970516
    JP 96121797 A  19960516
    JP 96228571 A  19960829
    US 162988 A  19980929
    US 855252 A1 19970513
    US 378657 A  19990820
    US 162988 A1 19980929

PATENT  FAMILY:
JAPAN (JP)
  Patent (No,Kind,Date):  JP 10124993  A2  19980515
    OPTICAL DISK REPRODUCING DEVICE (English)
    Patent Assignee:  SANYO ELECTRIC CO; TOKYO SANYO ELECTRIC CO
    Author (Inventor):  OTA TAKUMI; HAYASHIDA MASAYUKI; KISHISHITA AKIHIRO;
      KOTANI SEISHI
    Priority (No,Kind,Date):  JP 97126859  A   19970516; JP 96121797  A
      19960516; JP 96228571  A   19960829
    Applic (No,Kind,Date):  JP 97126859  A   19970516
    IPC: *  G11B-019/247; G11B-019/28; G11B-020/18
    Derwent WPI Acc No: *  G  98-338700; G  98-338700
    Language of Document:  Japanese
  Patent (No,Kind,Date):  JP 3316416  B2  20020819
    Priority (No,Kind,Date):  JP 97126859  A   19970516; JP 96121797  A
      19960516; JP 96228571  A   19960829
    Applic (No,Kind,Date):  JP 97126859  A   19970516
    IPC: *  G11B-019/247; G11B-019/28; G11B-020/18
    Derwent WPI Acc No: *  G  98-338700
    Language of Document:  Japanese

UNITED STATES OF AMERICA (US)
  Patent (No,Kind,Date):  US 5886966  A   19990323
    OPTICAL DISK VIBRATION SENSING AND REPRODUCING DEVICE (English)
    Patent Assignee:  SANYO ELECTRIC CO  (JP); TOKYO SANYO ELECTRIC CO
      (JP)
    Author (Inventor):  OTA TAKUMI  (JP); KISHISHITA AKIHIRO  (JP); KODANI
      KIYOSHI  (JP); HAYASHIDA MASAYUKI  (JP)
    Priority (No,Kind,Date):  JP 96121797  A   19960516; JP 96228571  A
      19960829
    Applic (No,Kind,Date):  US 855252  A   19970513
    National Class: *  369054000; 369050000
    IPC: *  G11B-003/90
    Derwent WPI Acc No: *  G  98-338700
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Language of Document: English
Patent (No,Kind,Date): US 6009053 A 19991228
OPTICAL DISK VIBRATION SENSING AND REPRODUCING DEVICE (English)
Patent Assignee: TOKYO SANYO ELECTRIC CO (JP); SANYO ELECTRIC CO (JP)
Author (Inventor): OTA TAKUMI (JP); KISHISHITA AKIHIRO (JP); KODANI KIYOSHI (JP); HAYASHIDA MASAYUKI (JP)
Priority (No,Kind,Date): US 162988 A 19980929; JP 96121797 A 19960516; JP 96228571 A 19960829; US 855252 A1 19970513
Applic (No,Kind,Date): US 162988 A 19980929
Addnl Info: 5886966 Patented
National Class: * 369044320; 369050000; 369054000
IPC: * G11B-007/00; G11B-005/09
Derwent WPI Acc No: * G 98-338700
Language of Document: English
Patent (No,Kind,Date): US 6081491 A 20000627
OPTICAL DISK VIBRATION SENSING AND REPRODUCING DEVICE (English)
Patent Assignee: SANYO ELECTRIC CO (JP); TOKYO SANYO ELECTRIC CO (JP)
Author (Inventor): OTA TAKUMI (JP); KISHISHITA AKIHIRO (JP); KODANI KIYOSHI (JP); HAYASHIDA MASAYUKI (JP)
Priority (No,Kind,Date): US 378657 A 19990820; JP 96121797 A 19960516; JP 96228571 A 19960829; US 162988 A1 19980929; US 855252 A1 19970513
Applic (No,Kind,Date): US 378657 A 19990820
Addnl Info: 6009053 Patented; 5886966 Patented
National Class: * 369054000; 369044320
IPC: * G11B-003/90
Derwent WPI Acc No: * G 98-338700
Language of Document: English

UNITED STATES OF AMERICA (US)
Legal Status (No,Type,Date,Code,Text):

US 5886966	P	19960516	US AA	PRIORITY (PATENT)
				JP 96121797 A 19960516
US 5886966	P	19960829	US AA	PRIORITY (PATENT)
				JP 96228571 A 19960829
US 5886966	P	19970513	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT))
				US 855252 A 19970513
US 5886966	P	19970513	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
				SANYO ELECTRIC CO., LTD. 5-5, KEIHANHONDORI 2-CHOME, MORIGUCHI-SHI OSAKA-FU, JAP ; OTA, TAKUMI : 19970506; KISHISHITA, AKIHIRO : 19970506; KODANI, KIYOSHI : 19970506; HAYASHIDA, MASAYUKI : 19970506
US 5886966	P	19970811	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
				SANYO ELECTRIC CO., LTD. 5-5, KEIHANHONDORI 2-CHOME MORIGUCHI-SHI, OSAKA-FU, JAP ; OTA, TAKUMI : 19970506; KISHISHITA, AKIHIRO : 19970506; KODANI, KIYOSHI : 19970506; HAYASHIDA, MASAYUKI : 19970506
US 5886966	P	19990323	US A	PATENT
US 6009053	P	19960516	US AA	PRIORITY (PATENT)
				JP 96121797 A 19960516
US 6009053	P	19960829	US AA	PRIORITY (PATENT)
				JP 96228571 A 19960829
US 6009053	P	19970513	US AA	PRIORITY
				US 855252 A1 19970513

US 6009053	P	19980929	US	AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))			
		US 162988	A	19980929	
US 6009053	P	19991228	US	A	PATENT
US 6081491	P	19960516	US	AA	PRIORITY (PATENT)
		JP 96121797	A	19960516	
US 6081491	P	19960829	US	AA	PRIORITY (PATENT)
		JP 96228571	A	19960829	
US 6081491	P	19970513	US	AA	PRIORITY
		US 855252	A1	19970513	
US 6081491	P	19980929	US	AA	PRIORITY
		US 162988	A1	19980929	
US 6081491	P	19990820	US	AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))			
		US 378657	A	19990820	
US 6081491	P	20000627	US	A	PATENT